200 New Highway
Amityville, NY 11701
Toll Free : 1-800-645-5516
www.specotech.com

HT65010XS, HT65010XW

speco technologies

□PRECAUTION

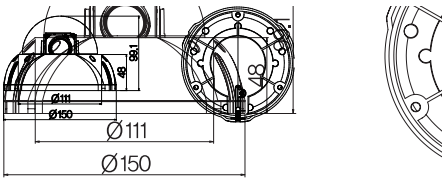
1. You can install the camera indoors or outdoors.
2. Choose an ideal location for the camera, since a camera unit must be protected against vibration.
3. Be careful not to scratch the lens or dome cover.
4. Use the camera within the temperature(-10□ ~ +50□).
5. Handle with care. Dropping it can cause serious damage to the camera.
6. Avoid any direct sun light toward the lens.
7. Use the AC adaptor 12V DC regulated.(1A recommenddded)
   (24V AC available-Dual power version only) of time.

If the product is to be put out of operation definitively, take it to a local recycling plant for a disposal which

◐FEATURES

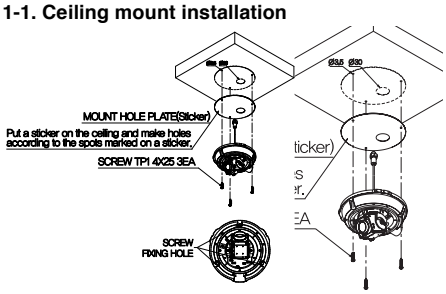
1. IP67(Waterproof)
2. Durable MATERIAL : Body-Aluminum,
   Dome : Polycarbonate
3. Wall & Ceiling mount available
4. New method to adjust the camera direction

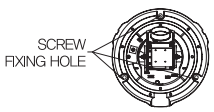
□DIMENSION



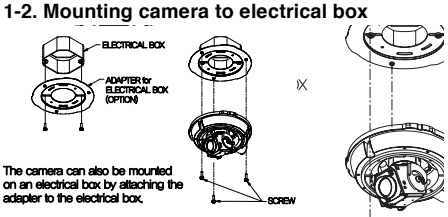
□INSTALLATION

1-1. Ceiling mount installation


MOUNT HOLE PLATE(Sticker)
Put a sticker on the ceiling and make holes according to the spots marked on a sticker.
SCREW TP1 4X25 3EA
SCREW FIXING HOLE



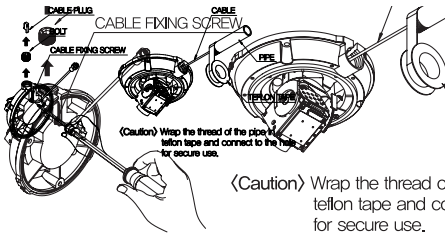
1-2. Mounting camera to electrical box


ELECTRICAL BOX
ADAPTER for ELECTRICAL BOX (OPTION)
The camera can also be mounted on an electrical box by attaching the adapter to the electrical box.
SCREW

The camera can also be mounted on an electrical box by attaching the adapter to the electrical box.

1-3. Pipe application

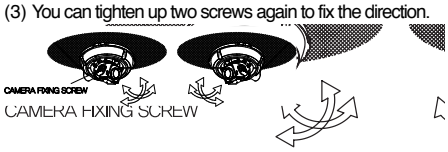
(1) Remove the bolt, the cable fixing screw and the cable plug on the bottom of the base.
(2) Use the TEPLON tape to wipe the pipe.


CABLE PLUG
CABLE
CABLE FIXING SCREW
PIPE
〈Caution〉 Wrap the thread of the pipe with teflon tape and connect to the base for secure use.

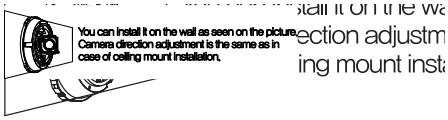
〈Caution〉 Wrap the thread c
teflon tape and c
for secure use.

1-4. Camera direction adjustment and fixing

(1) Cover can be installed four directions using two screws beside the cover.
(2) After loosening two screws on the cover, you can adjust the direction of camera.
(3) You can tighten up two screws again to fix the direction.

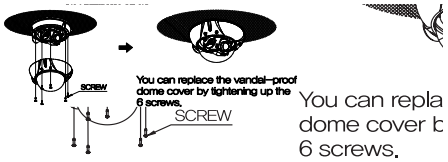


2. Wall mount installation


You can install it on the wall as seen on the picture. Camera direction adjustment is the same as in case of ceiling mount installation.

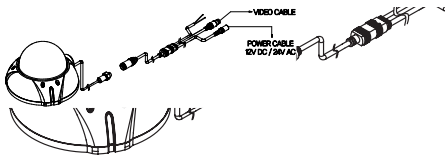
ection adjustm
ing mount insta

3. Finishing installation

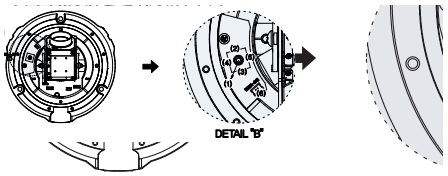


You can repla
dome cover b
6 screws.

◐CONFIGURATION



◐HOW TO USE THE JOG LEVER



(1) MENU : To access the main setup menu. Push this button for 1 second.
(2) TELE / UP : To close in on a far object.(ZOOM-IN)
/To move the arrow indicator to up.
(3) WIDE / DOWN : To widen the view.(ZOOM-OUT)
/ To move the arrow indicator to down.
(4) NEAR / LEFT : To see a near object clearly.
/ To move the arrow indicator to left.
(5) FAR / RIGHT : To see a far object clearly.
/ To move the arrow indicator to right.
(6) EXT. VIDEO : Plug your test monitor in here.
(The cable is option)

◐CAMERA FUNCTION SETTING

MAIN SETUP		
CAMERA TITLE	OFF	Set Camera Title String and OSD Display Position.
	ON	
WHITE BAL	ATW–MODE : OUTDOOR INDOOR	ATW is controlled by color tem-perature range *MODE - INDOOR : 3000~10,500°K - OUTDOOR : level
	AWC→SET	ONE PUSH
	MANUAL	RED / BLUE Adjustable.
BACKLIGHT	OFF / LOW / MIDDLE / HIGH	Backlight compensation.
MOTION DETECTION	OFF	Motion detection off
	ON	AREA(4 Programmable zone/ SIZE) The words "MOTION DETECTED" appear on the screen and MD output signal when movement is detected.
FOCUS↵		Refer to focus setup
EXPOSURE↵		Refer to exposure setup
SPECIAL↵		Refer to special setup
RESET		Returns to the level which was set by the manufacturer for shipment. (except for communication and Day & Night)
EXIT		Saves all settings, then exits.

FOCUS SETUP TABLE		
MODE	AUTO	Focus is controlled automatically
	MANUAL	Focus is controlled manually
	ONE-PUSH	Focus is automatically adjusted just once, after zoom position is changed.
ZOOM TRK	OFF	Zoom tracking off
	ON	Zoom tracking on
ZOOM SPEED	FAST / SLOW	Zoom speed Control
D-ZOOM	ON	Digital zoom limit selectable (x2 ~ x10).
	OFF	Digital zoom off
DIS ZOOM MAG	ON	Zoom magnification set at power on (x1 ~ x10)
	OFF	Zoom magnification display off
ZOOM POS INIT	ON	Zoom magnification display on.
	OFF	When initialized, zoom position is disabled.
LENS INIT		Execute lens initialization.

EXPOSURE SETUP TABLE		
BRIGHTNESS		Brightness level adjustment.
IRIS	MANUAL	IRIS is controlled manually.
	AUTO	IRIS is controlled automatically.
SHUTTER	MANUAL	Shutter is controlled manually
	A. FLK	Anti-flicker
AGC	OFF	Automatic gain control off.
	NORMAL / HIGH	Automatic gain control limit set.
SSNR	OFF	Noise reduction off.
	LOW / MIDDLE / HIGH	Noise reduction level set.
SENS-UP	OFF	Sense-up off
	AUTO	Sense-up limit selectable (x2 ~ x128)

SPECIAL SETUP TABLE		
USER PRESET	OFF	Turns function off
	ON	Using the position preset function, 8 sets of camera shooting conditions can be stored and recalled.
PRIVACY	OFF	Privacy mask off
	ON	AREA(4 Programmable zone) / SIZE / TONE adjustable.
Day Night	COLOR	IR-Cut Filter is fixed to color position.
	B/W	IR-Cut Filter is fixed to B/W position.
	AUTO 1, 2	When Input luminance level is low, IR Cut Filter is switched to the B/W position for increasing infrared sensitivity automatically. And, it switches back to Color position when luminance is quite increased. Auto 1 mode is switched to IR Cut Filter more quickly than Auto 2.
	INT	Internal Sync

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COMMUNICATION SETUP TABLE		
CAM ID	OFF	ID not displayed
	ON	Camera names are displayed
DISP CAM ID	OFF	Communication ID display off.
	ON	Communication ID display on.
BAUD RATE	2400 ~ 57600	Baud-rate set (factory default : 2400).
UART MODE	8-E-1 / 8-0-1 / 8-N-1	Parity bits selectable. (factory default : 8-N-1)
RET PKT	DISABLE	Do not send a command back to the control & device.
	ENABLE	Returning the data when com-munication.(Caution : Activate this function to use D&N.)

* Protocol: Pelco-D

IMAGE SETUP TABLE		
FREEZE	OFF	Freeze image : OFF.
	ON	Freeze image : ON
H-REV	OFF	Horizontal reverse : OFF
	ON	Horizontal reverse : ON
V-REV	OFF	Vertical reverse : OFF
	ON	Vertical reverse : ON.
SHARPNESS	OFF	Sharpness control is disabled.
	ON	The Sharpness can be adjusted.
COLOR GAIN		The Color level can be adjusted (0~100)

◐SPECIFICATION

Model	HT65010XS, HT65010XW
Camera Type	100X Day & Night Auto Focus Zoom Dome Camera
Image Sensor	1/4" COLOR SONY SUPER HAD CCD
Effective Pixel	768(H) x 494(V)
TV Type	NTSC
Scanning System	2 : 1 Interlace
Sync. System	Internal / Line-Lock
Scan. Freq.(HORI)	INT: 15.734KHz L/L: 15.750KHz
Scan. Freq.(VERT)	INT: 59.94Hz L/L: 60.00Hz
Resolution	560 lines resolution
Video Output	1.0 Vp-p(Sync. Negative) with 75Ω Termination
S/N Ratio	More than 50dB(Weight on)
Min. Illumination	0.02 Lux(F1.8) / 50IRE
Gamma	γ = 0.45
Shutter Speed	Auto(x128 ~ 1/60 ~ 1/120,000sec) Sense-up and Sense-up limit is selectable, Flickerless
White Balance	ATW / AWC / Manual(1,800 ~ 10,500°K)
SSNR	LOW / MIDDLE / HIGH / OFF
Motion Detection	ON / OFF (4 programmable zone per screen)
Privacy Function	ON / OFF (32 zones, It consists of 8 group 4 programmable, zone per screen)
Flip	Vertical, Horizontal, Vertical-Horizontal, OFF
Preset	8 position
OSD	Yes
Zoom	Optical zoom 10X, Digital zoom 10X
Focal Length	f = 3.8 ~ 38(F 1.8)
Angle of View	51.2°(Wide End), 5.58°(Tele End)
Min. Working Distance	1M
Communication	RS-485
Power Supply	24 Volts AC, 12 Volts DC - Dual Voltage
Current Consumption	Max. 500mA
Operating Temp.	-14 °F to 120 °F
Preservation Temp.	-4 °F to 140 °F
Dimension	Ø150 x 99.1(H)mm
Weight	1.9 lbs.

※All specification is subject to change without notice to improve the quality